

PTO/SB/01 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**



Declaration  
Submitted  
With Initial  
Filing

OR



Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

02-003

First Named Inventor

ERIC J. BECKMAN

**COMPLETE IF KNOWN**

Application Number

10/656,706

Filing Date

SEPTEMBER 5, 2003

Art Unit

1625

Examiner Name

TO BE ASSIGNED

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**N-VINYLFORMAMIDE DERIVATIVES, POLYMERS FORMED THEREFROM AND  
SYNTHESIS THEREOF**

*(Title of the Invention)*

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

09/05/2003

as United States Application Number or PCT International

Application Number

10/656,706

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

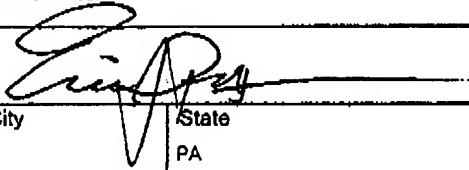
[Page 1 of 2]

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input type="checkbox"/> Customer Number <input type="text"/> OR <input checked="" type="checkbox"/> Correspondence address below			
Name HENRY E. BARTONY, JR.			
Address BARTONY & HARE, LLP. LAW & FINANCE BUILDING, SUITE 1801, 429 FOURTH AVENUE			
City PITTSBURGH		State PA	ZIP 15219
Country UNITED STATES	Telephone 412/338-8632	Fax 412/338-6811	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) ERIC J.		Family Name or Surname BECKMAN	
Inventor's Signature 		Date 5/4/04	
Residence: City ASPINWALL	State PA	Country US	Citizenship US
Mailing Address 213 TENTH STREET			
City ASPINWALL	State PA	ZIP 15215	Country US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	ZIP	Country
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the 2 supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			



PTO/SB/02A (05-03)

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<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> Supplemental Sheet
	Page <u>1</u> of <u>2</u>

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
TOBY M.		CHAPMAN	
Inventor's Signature <i>Toby M. Chapman</i>		Date <i>5/4/04</i>	
Residence: City	PITTSBURGH	State	PA
		Country	US
Citizenship US			
Mailing Address 6527 Lilac Street			
Mailing Address			
City	PITTSBURGH	State	PA
		Zip	15217
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			
Residence: City		State	
		Country	
Citizenship			
Mailing Address			
Mailing Address			
City		State	
		Zip	
		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
		Country	
Citizenship			
Mailing Address			
Mailing Address			
City		State	
		Zip	
		Country	

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental SheetPage 2 of 2

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
LIANJUN		SHI	
Inventor's Signature <i>Li Shi</i>		Date <i>05/05/2004</i>	
Residence: City	PITTSBURGH	State	PA
		Country	US
Mailing Address 5644 Hempstead Road			
Mailing Address			
City	PITTSBURGH	State	PA
		Zip	15217
		Country	US
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature			
Residence: City		State	
		Country	
Mailing Address			
Mailing Address			
City		State	
		Zip	
		Country	
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	
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		Country	

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PTO/SB/81 (05-03)

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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	10/656,706
Filing Date	SEPTEMBER 5, 2003
First Named Inventor	ERIC J. BECKMAN
Title	K VINYLFORMAMIDE DERIVATIVES, POLYMERS FORMED THEREFROM AND COMPOSITIONS THEREOF
Art Unit	1625
Examiner Name	TO BE ASSIGNED
Attorney Docket Number	02-003

I hereby appoint:

☐ Practitioners at Customer Number

OR

☒ Practitioner(s) named below:

Name	Registration Number
HENRY E. BARTONY, JR.	34,772

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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☐ Practitioners at Customer Number.

OR

☐ Firm or  
Individual Name

Address

Address

City

State

Zip

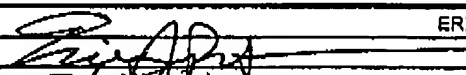
Country

Telephone

Fax

I am the:

☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/98).**SIGNATURE of Applicant or Assignee of Record**

Name	ERIC J. BECKMAN		
Signature			
Date	5/14/04	Telephone	412.624.9631

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 3 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	10/656,706
Filing Date	SEPTEMBER 6, 2003
First Named Inventor	ERIC J. BECKMAN
Title	HYDROLYZABLE POLYMER DERIVATIVES, POLYMERS FORMED THEREFROM AND SYNTHESIS THEREOF
Art Unit	1625
Examiner Name	TO BE ASSIGNED
Attorney Docket Number	02-003

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Practitioner(s) named below:

Name	Registration Number
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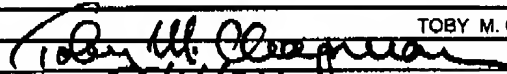
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I am the:



Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name	TOBY M. CHAPMAN		
Signature			
Date	5/14/04	Telephone	412.624.8250

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.



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PTO/SB/81 (05-03)

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**POWER OF ATTORNEY OR  
AUTHORIZATION OF AGENT**

Application Number	10/656,706
Filing Date	SEPTEMBER 5, 2003
First Named Inventor	ERIC J. BECKMAN
Title	MAINTENANCE DERIVATIVES. POLYMERS FORMED THEREFROM AND STUDIES THEREOF
Art Unit	1625
Examiner Name	TO BE ASSIGNED
Attorney Docket Number	02-003

I hereby appoint:

☐ Practitioners at Customer NumberPlace Customer  
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☒ Practitioner(s) named below:

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☒ Applicant/Inventor.☐ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name	LIANJUN SHI		
Signature			
Date	05/05/2004	Telephone	412.624.8875

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